

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

---

In re Patent Application of:  
Janne Kerovuo, et al.

Application No. 10/501,442  
Art Unit: 1656  
Examiner: Sheridan Swope  
Confirmation No.: 8134  
U.S. National Phase of PCT Application No. PCT/US04/10229

For: PECTATE LYASES, NUCLEIC ACIDS ENCODING THEM AND METHODS  
FOR MAKING AND USING THEM

---

**SECOND PRELIMINARY AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Prior to examination on the merits, Applicant respectfully requests entry of this Second Preliminary Amendment for the above-captioned patent application.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.